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	SCANNED,#_14	- APP
HDP/SB/21 bas	sed on PTO/SB/21 (08-00)	他人

TRANSMITTAL			Application Number		10/047,914	
			Filing	Date	January 15, 2002	
APR 0 9 2002 () FORM			First N	lamed Inventor	Hiroshi Tanaka et al	
(to be used for all correspondence after initial filing)			Group	Art Unit		
TRADEMARTI			Examiner Name			
otal Number of Pages	s in This Submission		Attorne	ey Docket Number	4041J-000503	
		ENCL	OSURES	(check all that apply)		
Fee Transmittal F	orm		ment Pap Application	ent Papers After Allowance Comi Olication) Group		tion to
Fee Attached		⊠ Drawir	ng(s)		Appeal Communication to Bo Appeals and Interferences	oard of
Amendment / Res	sponse	Licens	ing-relate	d Papers	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)	
After Final		Petitio	n		Proprietary Information	
			n to Convi ional Appl		Status Letter	
			r of Attorney, Revocation ge of Correspondence Address		Other Enclosure(s) (please identify below):	
Express Abandonment Request			ninal Disclaimer uest for Refund		English Translation of Application with Transl Certificate	
☐ Information Disclosure Statement ☐ CD, N		CD, N	umber of CD(s)			
Certified Copy of Priority Document(s) Rem		Rema	The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.1 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.			
Response to Missing Parts/ Incomplete Application		Priority D	ocument	attached: Japanese A	pplication No. 2001-008165	
Response to Missing Parts under 37 CFR 1.52 or 1.53						
	SIGNA	TURE OF	APPLIC	ANT, ATTORNEY, O	R AGENT	
Firm or Individual name	Harness, Dickey & Pigrce, P.L		.C. Attorney Name H. Keith Miller, Esq.		Reg. No. 22,484	
Signature	SH	M				
Date April 5, 2002						
		ERTIFICA	TE OF N	AAILING/TRANSMIS	SION	
I hereby certify that the addressed to: Communication on Trademark Office on	issioner of Patents	and Tradema	osited with arks, Was	n the United States Post hington, D.C. 20231, or	al Service as first class mail in an e facsimile transmitted to the U.S. Pa	envelope atent and
Typed or printed nam		1/ 3	1			
Signature					Date April 5, 2002	

FEE TRANSMITTAL		Complete if Known				
	Application Number	10/047,914				
for FY 2002	Filing Date	January 15, 2002				
APR 0 9, 2002	First Named Inventor	Hiroshi Tanaka et al				
Patenties are subject to annual revision.	Examiner Name					
TOTAL AMOUNT OF PAYMENT (\$) 1000	Group / Art Unit					
TOTAL AMOUNT OF PAYMENT (\$) 1000	Attorney Docket No.	4041J-000503				

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to the ab	ove-ider	ntified d	deposit ac	count.			116	400	216	200	Extension for reply within second month	
				CALCULATION			117	920	217	460	Extension for reply within third month	
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101	740 330	201	370 165	Utility filing fee	740	-	120	320	220	160	Filing a brief in support of an appeal	
106		206 207	165 255	Design filing fee		4	121	280	221	140	Request for oral hearing	
108	740	208	370	Plant filing fee Reissue filing fee		-	138	1,510	138	1,510	Petition to institute a public use proceeding	
114	160	214	80	Provisional filling fee	e	1 1	140	110	240	55	Petition to revive – unavoidable	
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Total Claim	ns 17		20 ** =	Claims below		, I	122	130	122	130	Petitions to the Commissioner	
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Multiple Dependent				x	= 0]	581	40	581	40	Recording each patent assignment per property (times number of	
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Fee Code	Fee (\$)	Fee Code	1.,	Fee Description		l	149	740			Filing a submission after final rejection (37 CFR § 1.129(a))	
103	18	203	9	Claims in excess		-	149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
102	84	202	42	Independent clair			170	- 10	270			
104	280	204	140		nt claim, if not paid	- 1	179	740	279	370 F	Request for Continued Examination (RCE)	
109	84	209	42	original patent			900	Request for expedited examination of a design application				
110	110 18 210 9 "Reissue claims in excess of 20 and over original patent"											
SUBTOTAL (2) (\$) 0				Other fee	e (specify)		ļ				
**or number previously paid, if greater; For Reissues, see above				*Reduce	ed by Bas	ic Filing	Fee Pai	id SUBTOTAL (3) (\$) 260				
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SUBMITTED BY				Co	omplete (if applicable)
Name (Print/Type)	H. Keith Miller, Esq.	Hegistration No. Attorney/Agen	22,484	Telephone	248-641-1600
Signature	XX	4011/		Date	April 5, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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P.O. BOX 828

United States Patent an

COMMISSIONER FOR PATENTS UNITED STATES PATENT AND TRADEMARK OFFICE WASHINGTON, D.C. 20231 www.uspto.gov

APPLICATION NUMBER

FILING/RECEIPT DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

10/047.914

HARNESS, DICKEY & PIERCE, P.L.C.

BLOOMFIELD HILLS, MI 48303

01/15/2002

Hiroshi Tanaka

4041J-000503

CONFIRMATION NO. 2496

FORMALITIES LETTER

OC000000007672211*

Date Mailed: 03/19/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing. Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(I) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The application was filed in a language other than English. Applicant is required to provide an English. translation of the specification and a statement that the translation is accurate. (See 37 CFR 1.52(d)).
- Applicant must file an English translation of the application, the \$ 130 fee set forth in 37 CFR 1.17(i), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).
- The balance due by applicant is \$ 1000.
- Because your specification was filed in a language other than English, the Office was unable to determine the number of claims submitted. Additional claim fees may be due once the number of claims can be determined.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - Drawings must be reasonably free from erasures and must be free from alterations, overwritings, interlineations, folds, and copy marks.
 - drawing figures contain text that is not in English (including, for example, a flow chart that was originally not in English that has been marked up to include the English text)

04/40/2002-HHOHAHH1-00000038-10047914

01-FC: 101 OF FEETING 740:00 OF 130:00-OP

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see 37 CFR 1.84(p)(2) and 37 CFR 1.52(d)(1);

A copy of this notice MUST be returned with the reply.

Initial Patent Examination Division (703) 308-1202
PART 2 - COPY TO BE RETURNED WITH RESPONSE

RESPONSE TO MISSING

PROVISIONAL APPLICATION

PARTS OF NON-

APR 0 9 2002

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 10/047,914

Filing Date: January 15, 2002

Applicants: Hiroshi Tanaka et al

Art Unit:

For: Cooling Device)

Docket No.: 4041J-000503)

Hon. Commissioner of Patents and Trademarks

Washington, D.C. 30201 ATTN: BOX MISSING PARTS

Dear Sir:

Enclosed herewith for filing in the U.S. Patent and Trademark Office is the duly executed Declaration and Power of Attorney (4 Pages); a copy of the Notice To File Missing Parts of Application - Filing Date Granted therein; an English translation of the application with Translation Certificate attached; and a substitute set of Formal Drawings with English text.

Also attached is a certified copy of the Priority Document:

Japanese Application No. 2001-008165 as identified in the Declaration
of this application. In support of Applicants' priority claim,
please enter this document into the file.

10047914 O40902

A check in the amount of \$1,000.00 is attached to cover the application filing fee, the late provision of an English translation fee, and the fee for late filing of formal papers.

Respectfully submitted, Attorneys for Applicant(s)

HKM/rf

Date:

Ву:

H. Keith Miller, Esq.

Reg. No. 22,484

Harness, Dickey & Pierce, P.L.C. P.O. Box 828 Bloomfield Hills, MI 48303 (248) 641-1600 Attachments

Docket 4041J-000503

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TRANSLATION CERTIFICATE/

(not for PCT cases)

In re PATENT APPLICATION of

Inventor(s): Tanaka et al

Attention: Application Division

Filed: January 15, 2002

Title: COOLING DEVICE

TRANSLATION STATEMENT
UNDER RULE 52 (d)
FOR APPLICATION FILED IN FOREIGN LANGUAGE

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

Signed this	day of February, 2002.
Translator's Signature:	Jon Skur J. Shun-Ji Jin
Address:	16-406 Honji-so, 1701 Honjigaoka
	Moriyama-ku, Nagoya-city, Aichi-pref.
	463-0031 JAPAN